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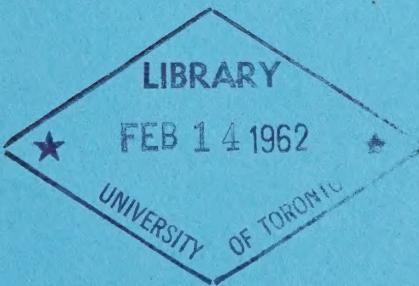


DEPARTMENT OF TRADE AND COMMERCE

Standards Division

REPORT
(OF THE)
STANDARDS BRANCH

FOR THE YEAR 1960/61



REPORT OF STANDARDS BRANCH

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ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1961

Price 25 cents Cat. No. C81-1/1960

STANDARDS BRANCH

DEPARTMENT OF TRADE AND COMMERCE

REPORT, 1960

The Standards Branch of the Department of Trade and Commerce administers the Electricity Inspection Act, the Gas Inspection Act, The Weights and Measures Act, the Precious Metals Marking Act, and the National Trade Mark and True Labelling Act.

While this publication is entitled "Report, 1960", the operations under the various Acts cover the fiscal year 1960-61 except for The Weights and Measures Act, which is covered for the calendar year 1960.

ELECTRICITY INSPECTION ACT

This Act provides for approval and inspection of all electricity devices used for billing purposes. The number of meters tested during the past year was 797,814, a decrease of 18,153. The fall-off was due entirely to a decrease of 48,002 new meters. Reverifications accounted for an increase of 29,849 over the previous year. The total number of electricity meters in use for billing purposes rose to 5,317,796 from 5,157,495.

GAS INSPECTION ACT

This Act provides for the approval and inspection of all gas measuring devices used for billing purposes. It also provides for calorific testing of gas which is sold on a heating value basis. The number of gas meters and auxiliary measuring devices tested during the past year was 274,021, a fall-off of 7,136. New meters decreased by 32,049 while reverifications increased by 24,913 over the previous year. The total number of gas meters in use for billing purposes rose to 1,269,365 from 1,199,743.

THE WEIGHTS AND MEASURES ACT

This Act provides for the approval and inspection of all weighing and measuring equipment used for trade purposes. The year 1960 showed an increase over 1959. Inspectors checked 493,700 devices of all kinds, including many modern and complicated scales for industrial weighing and also large and intricate metering systems for handling large bulk quantities of petroleum products which have been installed to meet modern pipe line distribution methods.

Again boats were used to reach isolated points on the east and west coasts. Our two volumetric mobile provers maintained a heavy schedule and were used to inspect 2,239 large meters and calibrate 220 tank trucks. Our two mobile heavy duty test trucks were also on schedule and were used to inspect 2,975 large vehicle scales in various parts of Canada.

Spot checking of prepackaged goods and scales was continued and increased, 41,095 scales and 514,250 prepackaged goods being checked. Our experimental checking at factory level last year proved so effective that it has been substantially increased during 1960, and further expansion is planned for 1961.

STANDARDS LABORATORY

The Standards Laboratory supports the field inspection work of the Branch. Field standards are included in a scheduled programme for calibration, and the departmental standards are compared with the official reference standards at specified periods. All new electrical and gas apparatus, weighing and measuring devices are carefully examined and tested before being approved for trade use. In addition, the Laboratory is continually working on devising new and improved equipment and procedures for field inspection work. Considerable time is spent also in assisting industry by checking and calibrating electrical instruments, weights, measures, etc. Throughout the year valuable assistance was given several large electrical utilities and oil companies in solving measurement problems which had arisen.

PRECIOUS METALS MARKING ACT

The Precious Metals Marking Act provides a uniform standard of quality marking to be applied by manufacturers to articles of gold, silver, platinum and palladium, and of gold and silver plate. Constant inspection of retail, wholesale, imported and manufacturers' stocks is maintained to see that marks are applied in conformity with the Act. Assays are made of gold and silver articles, and newspapers and other advertising media are carefully inspected toward the elimination of misleading advertising.

NATIONAL TRADE MARK AND TRUE LABELLING ACT

This Act provides a framework for the development of the National Standard and makes provision also for truthful labelling of commodities as covered by regulations. Existing regulations cover hosiery, fur garments, turpentine, textiles. At the request of the trade the turpentine regulations were revised to correct a situation which had arisen in connection with substitutes for turpentine. The Canada Standard for Babcock test bottles fills the need for which it was established. The Committee which is developing specifications for standard sizing in children's clothing held several meetings throughout the year. Specifications were completed for a sufficient number of garments to inaugurate the programme. The necessary order in council was passed early in 1961 and garments should appear on the market later in the year.

TABLE 1. Electricity Meter Registration by District and Type of Service During Fiscal Year Ended March 31st, 1961

DISTRICT	URBAN			RURAL			GRAND TOTAL		
	Domestic	Commercial	Power	Total	Domestic	Commercial			
Belleville	68,365	8,996	1,362	78,723	44,391	5,256	364	66,793	145,516
Calgary	113,940	19,272	6,909	140,121	1,460	774	47	24,249	26,530
Charlottetown	7,376	1,379	214	8,969	13,248	2,009	56	517	166,651
(MTL) Eastern Arctic Region	57	32	14	93	—	—	—	—	24,799
Edmonton	120,240	24,188	11,945	156,373	1,282	951	5	33,269	35,507
Fort William	40,905	5,067	779	46,751	9,834	1,677	83	3,192	191,880
Halifax	129,697	16,232	7,091	153,020	45,606	4,533	1,114	798	52,051
Hamilton	225,819	23,913	5,764	255,496	59,039	6,736	966	31,901	105,071
London	180,150	19,643	4,149	203,942	46,717	5,923	663	31,668	98,642
Montreal	612,701	78,994	14,652	706,347	37,561	4,595	688	26,413	354,138
Northwest Territories (Edmonton)	1,995	503	62	2,560	—	—	—	—	775,604
Ottawa (Ont.)	119,090	15,317	1,021	135,428	37,338	5,195	358	20,667	2,560
Ottawa (Que.)	46,945	5,271	642	52,858	43,261	4,145	311	11,075	193,986
Penticton	51,844	10,390	2,317	65,051	24,858	4,496	765	10,496	58,792
Quebec	156,701	22,767	3,800	183,268	40,768	7,108	557	23,514	111,650
Regina	156,796	33,923	5,654	196,373	2,544	2,369	45	55,097	40,615
Saint John (N.B.)	68,159	8,653	1,803	78,615	59,975	538	1,415	15,679	255,215
St. John's (Nfld.)	53,176	6,023	753	59,952	7,489	908	76	—	12,723
Sudbury (Ont.)	78,103	9,994	1,279	89,376	38,628	4,726	296	8,075	105,666
Sudbury (Que.)	17,671	3,017	564	21,252	6,642	937	153	4,991	256,428
Toronto	564,795	54,566	14,379	633,740	95,999	10,019	658	33,036	156,222
Trois Rivieres	113,699	15,065	2,766	131,530	64,036	10,776	1,422	36,088	139,712
Vancouver	174,315	30,471	6,871	211,657	90,450	9,798	1,844	—	773,452
Victoria	65,109	8,603	818	74,530	18,371	3,075	264	—	112,322
Winnipeg	253,665	34,287	10,457	298,409	3,268	2,400	913	38,589	243,852
Yukon (Vancouver)	1,824	414	146	2,384	—	—	—	—	313,749
TOTALS	3,423,137	457,480	106,201	3,986,818	792,765	98,944	13,063	426,096	5,317,686

TABLE 2. Gas Meter Registration by District and Type of Service During Fiscal Year Ended March 31, 1961

DISTRICT	Manufactured	Natural	Bottled Petroleum Gas	TOTAL
Belleville	—	5,542	68	5,610
Calgary	—	102,639	1	102,640
Charlottetown	—	—	4	4
Edmonton	—	115,082	70	115,152
Fort William	—	7,551	—	7,551
Halifax	—	—	292	292
Hamilton	—	132,105	45	132,150
London	—	147,280	600	147,880
Montreal	5,491	238,550	7,834	251,875
Northwest Territories	—	—	—	—
Ottawa (Ont.)	—	8,105	576	8,681
Ottawa (Que.)	—	795	—	795
Penticton	—	15,563	70	15,633
Quebec	5,622	—	—	5,622
Regina	—	73,772	8	73,780
Saint John N.B.	—	2,991	58	3,049
St. John's Nfld.	—	—	—	—
Sudbury (Ont.)	2,810	12,879	203	15,892
Sudbury (Que.)	—	—	—	—
Toronto	—	210,385	10	210,395
Trois Rivieres	703	—	749	1,452
Vancouver	—	116,605	1,451	118,056
Victoria	10,415	—	70	10,485
Winnipeg	—	42,371	—	42,371
Tukon	—	—	—	—
TOTAL	25,041	1,232,215	12,109	1,259,365

TABLE 3. Electric and Gas Meter Registrations for the Years Ended March 31, 1944 to 1961

Calendar Year	Electricity Meters	Gas Meters				Total Meters
		Manufactured	Natural	Acetylene	Petroleum Gas	
1944.....	2,268,500	540,240	201,522	4	1,392	743,158
1945.....	2,348,150	552,411	208,046	4	1,529	761,990
1946.....	2,459,672	550,949	215,330	4	1,651	767,934
1947.....	2,647,040	560,046	225,952	4	1,725	787,727
1948.....	2,746,685	587,629	217,068	3	1,046	805,746
1949.....	2,972,725	600,923	227,393	4	4,005	832,325
1950.....	3,188,089	606,395	239,448	4	3,841	849,688
1951.....	3,405,342	610,096	252,468	5	33	862,602
1952.....	3,591,056	609,062	264,154	5	68	873,289
1953.....	3,779,868	599,140	277,248	5	1,270	877,663
1954.....	3,968,020	593,698	298,166	4	429	892,297
1955.....	4,175,534	420,432	486,768	4	532	907,736
1956.....	4,380,889	416,338	507,875	4	3,147	927,364
1957.....	4,571,485	350,558	599,633	(registration not required)	4,843	955,034
1958.....	4,748,687	67,668	944,183	"	4,569	1,016,420
1959.....	4,941,691	35,967	1,069,892	"	5,101	1,110,960
1960.....	5,157,495	32,799	1,162,678	"	4,266	1,199,743
1961.....	5,317,796	19,992	1,232,263	"	11,666	1,263,921



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APPENDIX A

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:-

DISTRICT:	DISTRICT COMPOSED OF:
Belleville, Ont.	Counties of Addington, Durham, Frontenac, Haliburton, Hastings, Leeds (exclusive of the Towns of Athens, Newboro and Westport, Lennox, Northumberland, Peterborough, Prince Edward, Victoria and Ontario
Calgary, Alta.	All that part of the Province of Alberta lying south of the northerly boundary of Township No. 37
Charlottetown, P.E.I.	Province of Prince Edward Island
Edmonton, Alta.	All that part of the Province of Alberta lying north of the northerly boundary of Township No. 37 and the Northwest Territories
Fort William, Ont.	Judicial Districts of Kenora, Rainy River and Thunder Bay
Halifax, N.S.	Province of Nova Scotia
Hamilton, Ont.	Counties of Brant, Haldimand, Halton, Lincoln, Norfolk, Waterloo, Welland and Wentworth
London, Ont.	Counties of Bruce, Elgin, Essex, Huron, Kent, Lambton, Middlesex, Oxford and Perth
Montreal, P.Q.	Counties of Argenteuil, Arthabaska, Bagot, Beauharnois, Berthier, Brome, Chambly, Chateauguay, Compton, Drummond, Frontenac, Hochelaga, Huntingdon, Iberville, Jacques-Cartier, Labelle, LaPrairie, L'Assomption, Laval, Missisquoi, Montcalm, Napierville, Richelieu, Richmond, Rouville, Shefford, Sherbrooke, Soulange, Stanstead, St. Hyacinthe, St. Jean, Terrebonne, Vaudreuil, Vercheres, Wolfe and Yamaska
Ottawa, Ont.	That part of the Judicial District of Nipissing lying south and east of and including the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes, the Counties of Carleton, Dundas, Glengarry, Grenville, Lanark, Prescott, Renfrew, Russell and Stormont, and the Towns of Athens, Newboro and Westport in the County of Leeds, in the Province of Ontario; and Counties of Argenteuil, Gatineau Hull, Labelle, LaPrairie, L'Assomption, Montcalm, Napierville, Papineau, Pontiac, Soulange, St. Jean, Terrebonne, Two Mountains and Vaudreuil in the Province of Quebec
Penticton, B.C.	That part of the mainland of the Province of British Columbia bounded by the 121st Meridian on the West and the Alberta Boundary on the East and the 52nd Parallel of Latitude on the North and all Towns on the mainland of British Columbia served by the Southern Interior Meter Section of the British Columbia Power Commission and the Inland Natural Gas Company

APPENDIX A — Concluded

For purposes of inspection under the Electricity Inspection Act and the Gas Inspection Act the provinces of the Dominion have been divided into the following districts:-

DISTRICT:	DISTRICT COMPOSED OF:
Quebec, P.Q.	Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspe, Iles de la Madeleine, Kamouraska, Lac St-Jean, Levis, L'Islet, Lotbiniere, Matane, Megantic, Montmagny, Montmorency, Portneuf, Quebec, Rimouski, Saguenay, and Temiscouata
Regina, Sask.	Province of Saskatchewan
Saint John, N.B.	Province of New Brunswick
St.John's, Nfld.	Province of Newfoundland
Sudbury, Ont.	Judicial Districts of Algoma, Manitoulin, Sudbury and Temiskaming and part of the Judicial District of Nipissing lying north and west of the Townships of Ballantyne, Boyd, Cameron, Pentland and Wilkes
Three Rivers, P.Q.	Counties of Abitibi, Arthabaska, Beauce, Bellechasse, Berthier, Chambly, Champlain, Compton, Deux Montagnes, Dorchester, Drummond, Frontenac, Joliette, L'Assomption, Laval, Levis, L'Islet, Lotbiniere, Maskinonge, Megantic, Montcalm, Montmagny, Nicolet, Portneuf, Quebec, Richelieu, Richmond, Sherbrooke, St. Hyacinthe, St.Maurice, Terrebonne, Vercheres, Wolfe and Yamaska
Toronto, Ont.	Judicial Districts of Muskoka, Parry Sound and the Counties of Dufferin, Grey, Peel, Simcoe, Wellington, York, Durham, Victoria and Ontario
Vancouver, B.C.	That part of the mainland of the Province of British Columbia Except the area bounded by the 121st Meridian on the West and the Alberta Boundary on the East and the 52nd Parallel of Latitude on the North and all Towns on the mainland of British Columbia served by the Southern Interior Meter Section of the British Columbia Power Commission and the Inland Natural Gas Company; and the Yukon Territory
Victoria, B.C.	Island of Vancouver
Winnipeg, Man.	Province of Manitoba

APPENDIX B
STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31st, 1961.
WATTHOUR METERS

DISTRICT	ACCEPTED			REJECTED			New	Retests	Disputes	Totals	CLASS		
	Correct	Fast	Slow	Fast	Slow	Slow					1	2	3
Belleville	4,079	14,097	2,445	104	71	6,869	13,913	14	20,796	3,186	17,043	567	-
Calgary	1,109	18,106	1,081	11	12	8,390	11,793	136	20,319	5,422	13,851	1,046	-
Charlottetown	213	2,377	1,327	-	-	1,883	2,034	-	3,917	602	3,309	6	-
Edmonton	791	18,437	4,672	26	19	10,120	13,680	145	23,945	5,075	17,855	1,015	-
Fort William	1,368	4,437	568	10	26	2,728	3,681	-	6,409	857	5,378	174	-
Halifax	600	19,487	4,435	15	36	8,750	15,800	23	24,573	11,862	12,501	210	-
Hamilton	23,896	30,210	6,278	264	231	12,440	48,378	61	60,879	7,427	52,562	890	-
London	9,047	31,670	7,021	165	176	11,039	37,029	11	48,079	5,904	41,568	607	-
Montreal	9,137	44,467	41,019	268	423	33,347	61,887	80	95,314	27,618	66,998	698	-
Northwest Terr.	19	583	153	-	1	259	493	4	756	155	581	20	-
Ottawa (Ontario)	3,020	21,961	2,082	80	43	11,854	15,300	32	27,186	2,315	24,593	278	-
Ottawa (Quebec)	1,389	13,027	959	4	2	6,175	9,157	49	15,381	3,421	11,910	50	-
Penticton	4,746	10,892	799	3	1	7,283	9,111	47	16,441	2,646	13,326	469	-
Quebec	1,195	28,528	4,486	1	-	10,727	23,430	53	34,210	5,995	27,888	327	-
Regina	3,272	23,030	11,444	24	26	14,541	22,923	332	37,796	5,729	30,755	1,312	-
Saint John (N.B.)	1,718	13,339	2,380	23	7	7,291	9,986	190	17,467	6,228	11,082	157	-
St. John's (Nfld.)	1,106	11,481	4,595	1	-	6,944	10,231	8	17,183	10,320	6,772	91	-
Sudbury (Ontario)	3,556	9,624	2,243	82	82	5,960	9,578	49	15,587	1,183	14,194	210	-
Sudbury (Quebec)	728	1,744	391	4	6	1,325	1,528	20	2,873	165	2,634	74	-
Toronto	20,740	63,249	15,886	206	195	33,380	66,816	80	100,276	5,046	86,282	8,948	-
Trois Rivieres	1,092	19,968	7,385	-	-	14,266	14,163	16	28,445	6,312	21,755	378	-
Vancouver	7,702	39,582	8,992	72	24	11,811	44,460	101	56,372	11,782	43,028	1,562	-
Victoria	703	8,820	2,385	5	2	5,199	6,679	37	11,915	1,808	9,669	438	-
Winnipeg	1,426	36,361	7,132	158	115	13,675	31,497	20	45,192	5,003	39,394	795	-
Yukon	112	663	129	-	-	232	671	1	904	468	414	22	-
TOTALS	102,764	486,140	140,287	1,526	1,498	246,488	484,218	1,509	732,215	136,529	575,342	20,344	-

APPENDIX B
STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH, 31st, 1961.
DEMAND METERS

DISTRICT	ACCEPTED			REJECTED			New	Retests	Disputes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow	New					1	2	3	4
Belleville	10	8	20	—	—	6	32	—	—	38	38	5	—	—
Calgary	5	—	—	—	—	3	—	—	—	5	5	—	—	—
Charlottetown	—	—	1	—	—	—	1	—	—	1	1	—	—	—
Edmonton	2	8	2	—	—	7	1	4	—	12	6	—	—	6
Fort William	6	11	11	—	—	14	14	—	—	28	28	—	—	—
Halifax	—	9	8	—	—	9	8	—	—	17	17	—	—	—
Hamilton	53	25	12	—	—	44	45	1	—	90	90	—	—	—
London	43	20	16	—	—	38	41	—	—	79	79	—	—	—
Montreal	47	276	92	18	1	176	258	—	—	434	434	—	—	—
Northwest Terr.	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ottawa (Ontario)	9	7	10	—	—	9	12	5	—	26	26	—	—	—
Ottawa (Quebec)	—	5	—	—	—	—	—	3	2	5	5	—	—	—
Penticton	5	4	6	—	—	8	7	—	—	15	7	—	8	—
Quebec	50	98	47	—	—	111	54	30	—	195	195	—	—	—
Regina	5	1	—	1	—	5	1	1	—	7	7	—	—	—
Saint John (N.B.)	—	1	—	—	—	1	—	—	—	1	1	—	—	—
St. John's (Nfld.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sudbury (Ontario)	3	11	14	—	—	19	9	—	—	28	28	—	—	—
Sudbury (Quebec)	1	10	2	—	—	5	8	—	—	13	13	—	—	—
Toronto	143	44	129	—	—	113	203	—	—	316	316	—	—	—
Trois Rivieres	105	76	49	—	—	61	169	—	—	230	230	—	—	—
Vancouver	35	163	59	—	—	41	215	1	—	257	257	—	—	—
Victoria	—	—	1	—	—	—	—	1	—	1	1	—	—	—
Winnipeg	5	24	15	1	1	19	12	15	—	46	46	—	—	—
Yukon	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	527	801	494	20	2	689	1,095	60	1,844	1,830	—	8	6	

APPENDIX E

STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31st, 1961.
COMBINATION METERS

DISTRICT	ACCEPTED			REJECTED			Retests	Disputes	Totals	CLASS		
	Correct	Fast	Slow	Fast	Slow	New				1	2	3
Belleville	538	578	437	—	1	685	868	1	1,554	217	1,042	295
Calgary	35	906	58	1	—	706	292	2	1,000	133	423	444
Charlottetown	17	190	234	—	—	198	243	—	441	25	370	46
Edmonton	14	906	245	—	—	720	442	3	1,165	68	860	233
Fort William	188	329	100	—	—	322	295	—	617	165	379	73
Halifax	26	1,328	312	—	1	796	871	—	1,667	264	1,012	391
Hamilton	2,424	655	756	—	—	1,439	2,396	—	3,835	475	2,166	1,194
London	1,567	985	721	1	1	1,039	2,236	—	3,275	310	2,147	818
Montreal	1,884	11,895	5,643	44	76	6,487	13,045	10	19,542	660	17,268	1,614
Northwest Terri.	1	26	4	—	—	22	9	—	31	—	17	14
Ottawa (Ontario)	1,082	421	728	—	2	1,023	1,209	1	2,233	503	1,319	411
Ottawa (Quebec)	1,261	258	829	—	1	851	1,498	—	2,349	567	1,596	186
Penticton	399	943	140	1	—	675	803	5	1,483	138	1,083	262
Quebec	121	3,111	1,073	—	2	1,422	2,865	20	4,307	414	3,443	450
Regina	109	906	491	1	1	1,248	255	5	1,508	224	748	536
Saint John (N.B.)	32	403	77	—	—	254	258	—	512	81	144	287
St. John's (Nfld.)	16	348	56	—	—	266	151	3	420	2	327	91
Sudbury (Ontario)	637	298	692	6	4	677	960	—	1,637	181	1,220	236
Sudbury (Quebec)	151	157	174	11	8	146	355	—	501	40	413	48
Toronto	4,729	1,500	2,290	3	5	3,498	5,025	4	8,527	425	4,529	3,573
Trois Rivieres	104	3,855	1,135	—	—	1,671	3,423	—	5,094	350	4,252	492
Vancouver	180	411	297	—	1	64	823	2	889	10	768	111
Victoria	41	641	91	—	—	140	628	5	773	42	587	144
Winnipeg	7	279	52	9	1	189	159	—	348	93	12	243
Yukon	—	17	3	—	—	17	3	—	20	2	5	13
TOTALS	15,563	31,346	16,638	77	104	24,555	39,112	61	63,728	5,389	46,130	12,205
												4

APPENDIX B

STATEMENT OF ELECTRIC METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1961
PREPAYMENT METERS

DISTRICT	ACCEPTED			REJECTED			New	Retests	Disputes	Totals	CLASS			
	Correct	Fast	Slow	Fast	Slow	Fast					1	2	3	4
Belleville.....	-	2	-	-	-	-	-	-	-	2	2	-	-	-
Calgary	-	-	16	6	-	-	-	-	-	22	-	18	4	-
Charlottetown	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Edmonton	-	-	-	-	-	-	-	-	-	1	-	-	1	-
Fort William	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Halifax	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hamilton	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London	-	-	1	-	-	-	-	-	-	1	-	-	1	-
Montreal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Northwest Territories	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa (Ontario)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ottawa (Quebec)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penticton	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Quebec	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regina	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saint John (N.B.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. John's (Nfld.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudbury (Ontario)	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Sudbury (Quebec)	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Toronto	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Trois Rivieres	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vancouver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Victoria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winnipeg	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yukon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS.....	-	20	7	-	-	-	-	-	27	-	21	6	-	-

APPENDIX B - SUMMARY

Watthour	102,764	486,140	140,287	1,526	1,498	246,488	484,218	1,509	732,215	136,529	575,342	20,344	-
Demand	527	801	494	20	2	689	1,095	60	1,844	1,830	-	8	6
Combination	15,563	31,346	16,638	77	104	24,555	39,112	61	63,728	5,389	46,130	12,205	4
Prepayment	-	20	7	-	-	-	27	-	27	21	6	-	-
TOTALS.....	118,854	518,307	157,426	1,623	1,604	271,732	524,452	1,630	797,814	143,769	621,478	32,557	10

APPENDIX C

STATEMENT OF GAS METERS TESTED DURING FISCAL YEAR ENDED MARCH 31, 1961

DISTRICT	ACCEPTED		REJECTED		New	Retests	Disputes	Total	CLASS				
	Correct	Fast	Slow	Fast	Slow				1	2	3	4	5
Belleville.....	476	458	1,119	—	1	1,606	448	—	2,054	2,026	7	14	7
Calgary.....	8,109	6,158	7,857	4	2	7,777	14,320	33	22,130	21,871	2	166	90
Edmonton	2,374	2,501	16,564	4	—	6,322	15,107	14	21,443	21,218	14	131	76
Fort William.....	1,068	223	2,396	—	1	3,592	96	—	3,688	3,659	19	7	3
Halifax.....	1	1	6	—	—	4	4	—	8	8	—	—	—
Hamilton.....	8,638	4,355	16,988	48	30	11,984	18,067	8	30,059	29,839	95	54	63
London.....	5,904	4,989	17,250	267	240	10,133	18,513	4	28,650	28,487	71	53	34
Montreal	4,544	12,635	40,259	201	413	16,396	41,632	24	58,052	57,659	149	201	23
Ottawa	1,262	1,243	1,301	9	20	3,637	196	2	3,835	3,775	23	18	19
Penticton	682	686	511	1	—	1,625	252	3	1,880	1,856	16	2	4
Quebec	75	288	271	—	—	25	608	1	634	613	9	7	—
Regina	1,993	5,144	10,225	3	1	10,882	6,456	28	17,366	17,183	—	128	53
Saint John (N.B.)	123	306	125	1	—	26	524	5	555	551	—	4	—
Sudbury.....	1,377	2,457	2,013	20	1	4,997	870	1	5,868	5,788	26	37	14
Toronto.....	14,930	12,542	11,379	63	29	14,309	24,575	59	38,943	38,362	396	100	73
Trois Rivieres.....	—	8	13	—	1	—	21	1	22	21	—	1	—
Vancouver	5,718	2,712	11,549	94	147	11,040	9,136	44	20,220	20,045	74	66	24
Victoria	81	471	1,221	.1	—	105	1,667	2	1,774	1,768	5	1	—
Winnipeg.....	616	4,914	8,525	43	35	12,338	1,784	11	14,133	13,933	52	95	44
TOTALS.....	57,971	62,091	149,572	759	921	116,798	154,276	240	271,314	268,662	958	1,084	525
													17
													6
													62

APPENDIX C

STATEMENT OF AUXILIARY ATTACHMENTS (GAS) TESTED DURING FISCAL YEAR ENDED MARCH 31, 1961

DISTRICTS	ACCEPTED			REJECTED			New	Retests	Dis-	Totals	CLASS								
	Correct	Fast	Slow	Fast	Slow	OP	S	D	BP	BT	BV	VP	T	TU	F	FT	RC	GR	
Belleville.....	40	3	-	-	-	36	7	-	43	22	-	17	-	3	-	-	1	-	
Calgary	227	33	8	4	-	167	105	-	272	46	-	3	42	-	15	-	3	1	
Charlottetown.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Edmonton	1,071	6	7	3	-	953	134	-	1,087	37	-	106	-	2	-	-	554	229	
Fort William.....	3	2	2	-	-	7	-	-	7	-	-	4	1	-	2	-	-	60	
Halifax.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
Hamilton.....	73	32	29	-	-	93	41	-	134	25	2	5	2	-	15	74	1	3	
London.....	118	47	23	6	-	175	16	3	194	67	15	-	-	26	82	-	4	-	
Montreal.....	4	46	22	-	-	67	5	-	72	-	-	27	-	30	-	-	-	9	
Ottawa	13	-	-	-	-	13	-	-	13	5	-	-	-	-	-	-	4	2	
Penticton	11	17	8	-	-	32	4	-	36	3	1	1	21	-	-	4	-	1	
Quebec	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Regina	87	64	38	-	-	139	50	-	189	78	-	98	9	-	-	-	2	-	
Saint John (N.B.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John's (Nfld.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sudbury.....	-	15	6	-	-	19	-	2	21	-	2	-	-	14	3	-	-	-	
Toronto.....	343	29	32	-	-	352	53	-	405	312	9	17	-	4	45	6	-	1	
Trois Rivieres.....	-	1	-	-	-	-	1	-	1	-	-	-	-	1	-	-	-	-	
Vancouver	110	5	-	1	-	57	58	1	116	18	1	1	32	-	24	26	1	-	
Victoria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Winnipeg.....	93	19	5	-	-	89	28	-	117	43	10	12	28	-	6	6	1	6	
TOTALS.....	2,193	319	180	14	1	2,199	502	6	2,707	656	40	41	373	9	144	237	14	581	238

OP — Orifice Plate; S — Static Pressure Gauge; D — Differential Pressure Gauge; BP — Base Pressure Index; BT — Base Temperature Index; BV — Base Volume Index; VP — Volume Pressure Gauge; T — Temperature Recording Gauge or Thermometer; TU — Pipe Run or Tube; F — Orifice Fitting; FT — Combined Fitting and Tube; RC — Recording Calorimeter; GR — Recording Gravimeter.

APPENDIX C — SUMMARY

Gas Meters	57,971	62,091	149,572	759	921	116,798	154,276	240	271,314
Aux. Attachments	2,193	319	180	14	1	2,199	502	6	2,707
TOTALS	60,164	62,410	149,752	773	922	118,997	154,778	246	274,021

APPENDIX D

ELECTRICITY INSPECTION ACT AND GAS INSPECTION ACT
STATEMENT OF EXPENDITURE AND REVENUE DURING FISCAL YEAR ENDED MARCH 31, 1961

DISTRICTS	DISTRICT INSPECTOR	ELECTRICITY		GAS		Elec. & Gas Expenditure	Elec. & Gas Revenue	GRAND TOTAL
		Total Expenditure	Total Revenue	Total Expenditure	Revenue			
Belleville	Fleming, J.	\$ 25,553.79	19,026.90	\$ 5,274.58	1,675.70	\$ 30,828.37	\$ 20,702.60	
Calgary	Park, A.S.	21,018.61	18,190.00	12,211.76	16,034.04	33,230.37	34,224.04	
Charlottetown	Strain, J.F.	5,548.79	3,819.10	—	—	5,548.79	3,819.10	
Edmonton	Waterhouse, H.A.	23,029.71	17,894.60	15,344.01	19,135.65	38,373.72	37,030.25	
Fort William	Briggs, J.F.	12,743.69	6,053.30	2,910.83	1,961.10	15,654.52	8,014.40	
Halifax	Fry, W.C.	30,549.03	19,935.50	1,454.15	4.80	32,003.18	19,940.30	
Hamilton	Briggs, C.D.	49,952.32	53,222.20	13,293.86	18,541.90	63,246.18	71,764.10	
London	Anderson, H.R.	55,455.24	42,585.33	25,495.55	17,758.05	80,950.79	60,343.38	
Montreal	Neysmith, J.F.	112,011.65	115,534.71	46,686.76	34,816.00	158,698.41	150,350.71	
Northwest Territories (Edmonton)	Waterhouse, H.A.	245.96	577.55	—	—	245.96	577.55	
Ottawa	Miller, W.F.	42,034.33	40,479.55	4,273.07	2,280.30	46,307.40	42,759.85	
Penticton	Heaven, A.I.	14,154.74	15,331.75	1,964.00	1,316.00	16,118.74	16,647.75	
Quebec	Trudeau, J.R.	39,532.80	35,664.35	1,784.00	402.20	41,316.80	36,066.55	
Regina	Fletcher, W.E.	25,596.35	30,853.05	13,557.74	11,477.50	39,154.09	42,330.55	
Saint John, N.B.	Lennerton, T.H.	13,535.90	1,288.35	344.80	27,746.77	13,880.70		
St. John's, Nfld.	Rossiter, V.P.	20,310.81	12,318.20	—	—	20,310.81	12,318.20	
Sudbury	Piirainen, G.O.	23,930.72	18,787.20	6,085.15	3,545.50	39,015.87	22,332.70	
Toronto	McEown, W.R.	120,650.45	95,865.35	36,720.79	24,528.90	157,371.24	120,392.25	
Trois Rivieres	Readman, G.	31,470.34	32,288.45	1,571.00	31.80	33,041.34	32,320.25	
Vancouver	Ward, R.G.D.	45,488.09	43,536.70	15,860.32	13,260.32	61,348.41	56,797.02	
Victoria	Teece, E.R.	14,168.86	10,670.50	2,221.50	1,457.20	16,390.36	12,127.70	
Winnipeg	Young, N.H.	45,787.25	33,815.65	8,371.10	9,054.58	54,158.35	42,870.23	
Yukon (Vancouver)	Ward, R.G.D.	233.50	655.15	—	—	233.50	655.15	
GENERAL		17,590.97	—	5,317.87	—	22,908.84	—	
TOTAL		803,516.42	680,640.99	221,686.39	177,624.34	1,025,202.81	858,265.33	
Electrical Lab. Fees		—	1,030.53	—	—	—	1,030.53	
Refund of Previous Years Expenditure		—	—	—	1.03	—	1.03	
Miscellaneous		—	70.00	—	—	—	70.00	
TOTAL EXPENDITURE AND REVENUE		803,516.42	681,741.52	221,686.39	177,625.37	1,025,202.81	859,366.89	

APPENDIX E

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:

DISTRICT COMPOSED OF:

Belleville, Ont.....	The Cities of Belleville, Kingston and Peterborough, and the Counties of Lennox, Leeds, Addington, Frontenac, Durham and Hastings, Northumberland, Peterborough, Prince Edward, Victoria, and the Provisional County of Haliburton
Calgary, Alta.....	That portion of the Province of Alberta lying to the south of the 52nd Parallel of Latitude
Charlottetown, P.E.I.....	The Whole of Prince Edward Island
Edmonton, Alta.	That portion of the Province of Alberta lying to the North of the 52nd Parallel of Latitude
Fort William, Ont.....	That area in Ontario West from the Pic River to the Manitoba Boundary
Halifax, N.S.....	The whole of the Province of Nova Scotia, including Cape Breton Island
Hamilton, Ont.	The Cities of Hamilton, Guelph, Kitchener, St. Catharines, Welland and Niagara Falls, and the Counties of Haldimand, Halton, Lincoln, Waterloo, Welland, Wellington and Wentworth
London, Ont.....	The Cities of London, Windsor, Chatham, Brantford, Sarnia, St. Thomas, Stratford, and Woodstock, and the Counties of Bruce, Essex, Huron, Kent, Lambton, Perth, Brant, Elgin, Middlesex, Norfolk and Oxford
Montreal, P.Q.	The City of Montreal, and the Counties of Argenteuil, Beauharnois, Chambly, Chateauguay, Hochelaga, Huntingdon, Jacques-Cartier, Laval, LaPrairie, Napierville, Soulange, Terrebonne, Two Mountains, Vaudreuil, St. Johns, St. Hyacinthe, Vercheres, Rouville and Bagot
Ottawa, Ont.	The City of Ottawa, and the Counties of Carleton, Lanark, Prescott, Renfrew, Russell, Glengarry, Stormont, Dundas and Grenville in the Province of Ontario; and the City of Hull and the Counties of Pontiac, Gatineau, Papineau and Labelle in the Province of Quebec
Quebec, P.Q.	The City of Quebec, and the Counties of Beauce, Bellechasse, Bonaventure, Charlevoix, Chicoutimi, Dorchester, Gaspe North, Gaspe South, Kamouraska, Levis, L'Islet, Lotbiniere, Megantic, Montmorency, Portneuf, Quebec, Rimouski, Riviere du Loup, Temiscouata, Lake St. John, Roberval, Matapedia, Matane, Anticosti and the Magdalen Islands, and all that Portion of the Province of Quebec lying East of the Eastern Boundary of the County of Chicoutimi
Regina, Sask.	That Portion of the Province of Saskatchewan lying to the South of the 51st Parallel of Latitude
Saint John, N.B.	The Whole of the Province of New Brunswick
Saskatoon, Sask.	That Portion of the Province of Saskatchewan lying to the North of the 51st Parallel of Latitude

APPENDIX E - Concluded

Official list of Weights and Measures Districts in Canada, with the Territorial Extent of each.

DISTRICT:	DISTRICT COMPOSED OF:
Sherbrooke, P.Q.	The City of Sherbrooke, and the Counties of Brome, Compton, Missisquoi, Richmond, Shefford, Sherbrooke, Stanstead, Wolfe, Iberville, Drummond, Arthabaska and Frontenac
St. John's, Nfld.	The whole of the Province of Newfoundland
Sudbury, Ont.	The Cities of Sudbury, Sault Ste. Marie and North Bay, and the Electoral Districts of Nipissing, Temiskaming, Parry Sound, Cochrane, Algoma West, Algoma East, and all that Portion of Port Arthur lying East of the Pic River in the Province of Ontario, and the County of Temiskaming and all that Portion of Abitibi lying West of the Eastern Boundary of the Municipality of Senneterre and of a line drawn North and South to continue such Eastern Boundary of Senneterre.
Trois-Rivieres, P.Q.	The City of Trois-Rivieres, and the Counties of Berthier, Champlain, Joliette, L'Assomption, Maskinonge, Montcalm, St. Maurice, Laviolette, Nicolet, Richelieu, Yamaska, and all that Portion of Abitibi lying East of the Western Boundary of the Municipality of Dollard and of a line drawn North and South to continue such Western Boundary of Dollard
Toronto, Ont.	The City of Toronto, and the Counties of Dufferin, Ontario, Peel, York, Grey and Simcoe, and the District of Muskoka
Vancouver, B.C.	The Whole of the Province of British Columbia
Winnipeg, Man.	The Whole of the Province of Manitoba

APPENDIX F

Showing the Number of Weights and Weighing Machines VERIFIED in each Inspection District From
JANUARY 1st, to DECEMBER 31st, 1960.

WEIGHING MACHINES										WEIGHTS	
DISTRICTS		DORMANT PLATFORM SCALES					EQUILIBRATED ARM			Metric and Comb. Avoid-duplo Metric	Miscel-laneous
Portable Steel-yard Suspension	Under 6,000 Lbs.	6,000 Lbs. and Over	Grain Elevator Hopper	Wagon or Truck	Grain Elevator Truck	Railway Track	Computing Automatic	Automatic			
Belleville	2,642	243	111	7	154	—	8	638	2,155	3	4,006
Calgary	3,267	69	170	738	196	649	21	465	2,025	14	2,317
Charlottetown	568	—	8	7	17	—	1	181	446	4	336
Edmonton	5,575	164	336	892	178	769	13	1,095	3,480	1	5,987
Fort William	808	26	13	181	86	2	10	153	933	1	1,186
Halifax	2,067	57	33	8	220	—	21	566	2,300	1	1,726
Hamilton	4,757	583	350	32	359	—	43	1,071	3,491	2	8,082
London	5,109	708	400	19	460	—	34	1,425	5,988	82	9,114
Montreal	14,392	723	451	65	368	—	40	3,571	9,912	6	18,526
Northwest Terr.	40	—	—	4	—	—	4	—	27	—	26
Ottawa	2,778	215	53	18	136	—	10	471	3,245	1	2,842
Quebec	5,766	127	58	20	237	—	18	1,234	5,746	30	9,810
Regina	3,883	44	76	1,174	178	1,083	10	695	1,872	—	4,721
Saint John, N.B.	2,455	90	29	21	113	—	17	830	2,840	2	4,030
St. John's, Nfld.	2,651	42	4	18	40	—	8	1,834	2,164	—	7,799
Saskatoon	4,118	54	85	1,603	220	1,536	6	778	2,585	—	4,816
Shenbrooke	6,530	251	72	—	95	—	5	788	2,633	18	8,365
Sudbury	1,023	42	32	—	233	—	31	267	1,290	1	1,871
Toronto	11,269	1,190	493	36	460	—	30	3,753	8,920	9	14,700
Trois Rivieres	2,804	255	95	9	98	—	12	461	2,315	1	4,481
Vancouver	6,868	389	182	113	219	4	32	1,818	6,632	24	7,640
Winnipeg	5,979	222	143	638	248	621	18	1,351	4,040	—	8,593
Yukon	119	1	—	—	1	—	—	34	61	—	177
TOTALS	95,468	5,495	3,194	5,599	4,320	4,664	388	23,483	75,100	200	5,565

APPENDIX G

Showing the Number of Weights and Weighing Machines REJECTED in each Inspection District From
JANUARY 1st, to DECEMBER 31st, 1960.

DISTRICTS	WEIGHING MACHINES						WEIGHTS					
	Portable Steel-yard Suspension	Under 6,000 Lbs.	6,000 Lbs. and Over	Grain elevator Hopper	Wagon or Truck	Grain elevator	Railway Track	Equal Arm	Computing	Automatic	Metric and Comb. Avoir d'après Metric	Miscel- laneous
Belleville	121	16	7	—	31	—	—	22	122	—	2	—
Calgary	150	21	27	45	49	115	—	14	136	1	3	4
Charlottetown	41	—	—	7	10	—	—	6	40	—	—	7
Edmonton	144	16	28	99	67	198	2	15	155	—	9	39
Fort William	47	3	4	—	19	—	—	5	71	1	14	—
Halifax	205	9	3	—	20	—	1	34	224	—	—	—
Hamilton	254	49	41	1	64	—	3	28	214	—	—	9
London	162	42	34	—	69	—	1	24	175	6	2	33
Montreal	402	62	41	—	78	—	1	69	439	1	5	18
Northwest Terr.	4	—	—	—	2	—	—	—	—	—	—	—
Ottawa	151	20	3	—	28	—	—	15	144	1	1	19
Quebec	174	9	1	—	23	—	—	13	101	1	4	38
Regina	83	9	4	103	36	175	2	11	86	—	1	16
Saint John, N.B.	138	13	2	1	17	—	1	32	137	—	—	66
St. John's, Nfld.	159	6	2	4	15	—	—	118	133	—	—	140
Saskatoon	58	2	5	36	28	79	—	4	33	—	3	—
Sherbrooke	69	13	7	—	13	—	1	4	53	—	2	16
Sudbury	46	8	1	—	44	—	2	3	59	—	—	7
Toronto	550	135	53	—	159	—	1	88	722	—	4	67
Trois Rivieres	191	28	16	—	13	—	1	22	224	—	9	20
Vancouver	469	51	31	3	42	—	3	67	389	1	—	120
Winnipeg	326	23	18	74	83	73	—	49	209	—	3	105
Yukon	7	—	—	—	—	—	—	1	2	—	—	—
TOTALS	3,951	535	328	373	910	640	19	644	3,868	12	62	724

APPENDIX II

Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous VERIFIED in each Inspection District From JANUARY 1st, to DECEMBER 31st, 1960.

APPENDIX I

Number of Measures of Capacity, Measuring Devices, Lineal Measures and Miscellaneous REJECTED in each Inspection District From JANUARY 1st, to DECEMBER 31st, 1960.

DISTRICTS	MEASURES OF LENGTH			MEASURES OF VOLUME					
	STATIC		Miscel-	Oil Tanks and Tank Trucks	Miscel-	Self Measuring Pumps	Visible Pumps	Meter Pumps (serv. Sta)	Bulk Meters Mounted on Tank Trucks
	Mechani-	cal	aneous						
Belleville	-	-	-	-	-	3	-	323	14
Calgary	-	-	6	-	-	-	-	187	27
Charlottetown	-	-	-	-	-	1	8	37	5
Edmonton	-	-	4	-	-	4	3	167	25
Fort William	-	-	-	7	-	1	1	92	12
Halifax	-	-	-	5	-	6	-	161	14
Hamilton	-	3	-	-	-	2	-	550	2
London	-	-	1	6	-	7	1	389	27
Montreal	-	-	-	6	-	1	5	1,258	116
Northwest Terr.	-	-	-	-	-	-	-	-	31
Ottawa	-	2	-	-	-	1	1	271	-
Quebec	-	-	-	6	-	1	2	252	25
Regina	-	-	-	-	-	10	10	142	10
Saint John, N.B.	-	-	-	1	-	1	-	182	44
St.John's, Nfld.	-	-	-	-	-	1	-	30	14
Saskatoon	-	-	-	-	-	-	8	172	35
Sherbrooke	1	1	-	-	-	2	2	88	9
Sudbury	-	-	-	2	-	5	1	157	8
Toronto	-	1	-	-	-	4	-	890	41
Trois Rivieres	-	2	-	-	-	-	-	168	14
Vancouver	-	3	-	18	-	1	10	510	67
Winnipeg	-	-	-	7	-	-	20	1,100	55
Yukon	-	-	-	-	-	-	-	15	2
TOTALS	8,596	3	12	4	58	-	41	72	7,141
									609
									616

APPENDIX J
**CASUAL SHORT WEIGHT INSPECTIONS
JANUARY 1, 1960, to DECEMBER 31, 1960.**

Number Stores Visited	Number of Scales Checked			Number of Prepackaged Items Checked		
	Correct	Fast	Slow	Correct	Overweight	Short in Weight
18,699	40,136	628	281	298,523	157,173	58,554

SHORT WEIGHT PURCHASES

Number Stores Visited	Number Purchase Vouchers	Condition of Items Purchased		
		Correct	Overweight	Short in Weight
749	749	772	495	938

SEIZURES

Number of Meters — Scales 18 Beam 1 Sticks 2

PROSECUTIONS AND WARNINGS

Section of Weights and Measures Act	Prosecutions	Warnings	
Section 26	1	1,574	
Section 43	42	2,187	
Section 45	7	859	
Other Sections	1	—	
TOTALS	★ 51	4,620	

★ NOTE:
52 charges were laid.

APPENDIX K
WEIGHTS AND MEASURES ACT
STATEMENT OF EXPENDITURE AND REVENUE
During Fiscal Year Ended March 31st, 1961.

DISTRICTS	DISTRICT INSPECTOR	Total Expenditure	Total Revenue
Belleville	Flurey, T.J.	\$ 40,480.63	\$ 31,545.05
Calgary	Hyckabay, M.D.	41,774.63	46,868.45
Charlottetown	Trainor, J.I.	7,269.41	4,511.50
Edmonton	Kyle, L.M.	61,104.13	70,511.40
Fort William	Rickards, R.F.	16,463.61	15,444.88
Halifax	Baird, A.A.	30,851.78	31,799.95
Hamilton	Joyce, C.J.	66,237.55	54,779.84
London	Ashley, H.G.W.	56,549.60	60,727.44
Montreal	Caron, R.	175,281.02	139,290.30
Northwest Territories (Edmonton)	Kyle, L.M.	844.24	1,194.00
Ottawa	Edgerton, S.J.	42,667.53	30,081.75
Quebec	Brousseau, L.	61,026.53	53,079.50
Regina	Palmer, E.D.	51,934.28	53,851.89
Saint John, N.B.	Jewett, F.C.	41,902.95	32,407.00
St. John's, Nfld.	Rossiter, V.P.	45,108.79	17,886.55
Saskatoon	Setter, J.W.	53,275.12	55,397.81
Sherbrooke	Couture, J.H.L.	27,998.08	29,196.19
Sudbury	Finner, D.J.	37,702.28	24,509.48
Toronto	Stalker, C.H.	158,909.19	141,070.52
Trois Rivieres	Roberge, C.	28,148.94	25,553.85
Vancouver	Winram, W.M.	74,980.76	74,592.09
Winnipeg	Burrows, J.A.	67,192.17	59,320.08
Yukon (Edmonton)	Kyle, L.M. .. (R.C.M.P.)	1,662.36	1,215.80
TOTAL		\$ 1,189,365.58	\$ 1,054,635.32
Laboratory (Calibration of Weights and Measures)		—	2,827.95
Post Office Department (Salaries and Expenses included in District totals)		—	22,975.00
Fines and Penalties		—	951.95
Refund Previous Years Expenditures		432.43	119.85
General		25,712.90	93.00
TOTAL EXPENDITURE AND REVENUE		\$ 1,215,510.91	\$ 1,081,603.07

APPENDIX L

**STATEMENT SHOWING tests performed by the Standards Laboratory during
the Fiscal Year ended March 31, 1961**

ELECTRICITY AND GAS**Verification of Standards**

	FIELD	COMMERCIAL	LABORATORY	
	BY LAB.	BY N.R.C.		
Rotating Standards	600	85	12	—
Wattmeters	146	18	45	—
Voltmeters	28	13	6	—
Ammeters	35	7	14	—
Misc. indicating instruments	1	1	3	—
Standard Cells	2	—	33	3
Misc. Standard Resistances	—	1	3	—
Potentiometers	—	—	2	—
Watthour Meters	—	2	—	—
Current Transformers	1	2	—	—
Voltage Transformers	—	3	—	—
Dead Weight Testers	2	6	—	—
Gas Provers & Bottles	3	—	2	—
Manometers & Pressure Gauges	4	—	4	—
Gas Meters & Rotameters	—	3	—	—
Gas Tests	—	—	2	—
Calorimeters	—	—	2	—
Gas Balances (s.g.)	—	—	1	—
Thermometers	—	1	—	—
Galvanometers	—	—	1	—
Stop Watches	21	—	—	—

Equipment (other than Standards) Tested for Field or Laboratory

Stop Clocks	2
Oscillographic Null Indicators	1
Equipment Tested for Approval of Type	173
Investigations of Equipment	9

APPENDIX L

STATEMENT SHOWING tests performed by the Standards Laboratory during the Fiscal Year ended March 31, 1961

WEIGHTS AND MEASURES

Laboratory Standards Tested

Metric Standards, Weights.....	116
Avoirdupois Standards, Weights.....	130
Decimal Avoirdupois, Weights	46
Special Purpose Weights.....	83
Grain Weights, Standards	126
Troy Weights, Standards	28
Steel Master Measures.....	4
50-Gallon Master Measures	2
100-Gallon Master Measures	1
1000-Lb. Cast Iron Weights.....	12
50-Lb. Cast Iron Weights.....	45

Standards Tested for Field Use

Imperial Measures	6
Metric Weights	146
Avoirdupois Weights	198
Decimal Avoirdupois Weights.....	24
Grain Weights	336
Precision Balances	14

Field Working Standards

Imperial Measures	129
Inspectors Fractional Avoirdupois Weights	298
Inspectors Nest Weights	1330
Inspectors Steel Weights.....	1148
Dairy Weights	540
Bushel Decimal Weights	270
Steel Test Measures	242
50-Lb. Balances	8
Short Weight Scales	9
1000-Lb. Cast Iron Test Weights	24
600-Gallon Prover Tanks	2
500-Gallon Prover Tanks	1
300-Gallon Prover Tanks	3
100-Gallon Prover Tanks	4
50-Gallon Prover Tanks	16
25-Gallon Prover Tanks	1

Verification for Commercial Firms, Government Departments, and Scientific Work

Approval of Apparatus	54
Troy Weights.....	148
Metric Weights	127
Odd Weights	176
Volumetric Tests	34
Calibration of Dairy Glassware	24881

APPENDIX M

PRECIOUS METALS MARKING ACT
FISCAL YEAR 1960-61

DIVISION	CALLS ON DEALERS	CALLS AT CUSTOMS	SHIPMENTS EXAMINED
Eastern.....	2,797	1,641	4,230
Central	2,498	1,143	5,366
Western.....	1,496	184	313
TOTALS.....	6,791	2,968	9,909

NATIONAL TRADE MARK AND TRUE LABELLING ACT**FUR GARMENT INSPECTIONS**

DIVISION	CALLS ON DEALERS	GARMENTS INSPECTED	LABELS CORRECTED	WARNINGS ISSUED
Eastern.....	772	42,626	188	0
Central	665	27,632	107	1
Western.....	670	30,383	384	3
TOTALS.....	2,107	100,641	679	4

P. M. M. A.

ADVERTISEMENTS CHECKED	3,951
WARNINGS ISSUED	32
PROSECUTIONS	0
NATIONAL MARK LICENCES ISSUED	0
ASSAYS AND TESTS	329

FURS

ADVERTISEMENTS CHECKED	11,708
WARNINGS ISSUED	56
PROSECUTIONS	0

